

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION

BOARD ORDER NO. 6-95-106A1
WDID NO. 6B360304025

AMENDED WASTE DISCHARGE REQUIREMENTS

FOR

VICTORVILLE CLASS III LANDFILL
AND CLASS II SEPTAGE IMPOUNDMENTS

San Bernardino County

The California Regional Water Quality Control Board, Lahontan Region (Regional Board) finds:

1. Discharger

On August 13, 1996 the County of San Bernardino submitted information that constitutes a complete amended Report of Waste Discharge (RWD) for the active unlined Victorville Class III Landfill (Landfill), existing unlined Class II Septage Impoundments (Unlined Surface Impoundments), and proposed new clay lined surface impoundments (Clay Lined Surface Impoundments). For the purposes of this Regional Board Order (Order), the County of San Bernardino and the United States Bureau of Land Management (landowner) are referred to as the "Dischargers."

2. Facility

The Landfill, Unlined Surface Impoundments, and Clay Lined Surface Impoundments are the facilities that receive and store waste. For the purposes of this Order, the Landfill, Unlined Surface Impoundments, and Clay Lined Surface Impoundments are referred to as the "Facility". The Facility is located approximately 4 miles north of the City of Victorville, San Bernardino County, within Section 23, T6N, R4W, SBM, as shown on Attachment "A", which is made a part of this Order.

3. Regional Board Order

The Regional Board previously adopted Waste Discharge Requirements (WDRs) for the Landfill and Unlined Surface Impoundments in Board Order No. 6-95-106, which was adopted on September 14, 1995. The Findings, Discharge Specifications, and Provisions of Board Order No. 6-95-106 not amended by this Order remain in effect.

4. Reason For Action

A. Time Schedule

Board Order No. 6-95-106 contained a time schedule for the Dischargers to cease discharge to and clean close the Unlined Surface Impoundments. Closure is necessary because the Unlined Surface Impoundments are not constructed in accordance with the requirements of Chapter 15, Title 23, California Code of Regulations (Chapter 15). Discharges of waste to the Unlined Surface Impoundments have caused and likely continues to cause degradation of ground water beneath and downgradient of the Facility. The time schedule reflected a strategy developed by the County of San Bernardino to provide a new septage facility at another site.

Since adoption of Board Order No. 6-95-106, there have been financial and physical constraints associated with the planning and construction of the off-site septage facility. The off-site facility will not be available until approximately February 1998. In order to achieve compliance with Chapter 15 and abate the condition of continued ground water degradation, the Discharger has developed a revised strategy. The revised strategy involves the construction of the Clay Lined Surface Impoundments at the Facility to be utilized until the new off-site facility is completed. The Clay Lined Surface Impoundments will meet the construction requirements of Chapter 15. In accordance with the revised strategy, this Order amends the time schedule for the Dischargers to cease discharge to and close the Unlined Surface Impoundments.

B. Clay Lined Surface Impoundments

The County of San Bernardino has proposed to construct one new clay lined impoundment, reconfigure two Unlined impoundments into a single impoundment, and then line this single impoundment with clay. This Order describes the Clay Lined Surface Impoundments and allows the discharge of waste to the Clay Lined Surface Impoundments. Unless otherwise noted in this Order, Provisions and Specifications which reference "Surface Impoundments" in Board Order No. 6-95-106 also apply to the Clay Lined Surface Impoundments.

C. Modification of Waste Stream

Board Order No. 6-95-106 allows for the discharge of septage and chemical toilet waste to the Unlined Surface Impoundments. The community has identified grease trap waste and automobile and truck wash waste as two additional waste streams which require a disposal location. The County of San Bernardino has provided information indicating that these two additional waste streams are appropriate for disposal in the Clay Lined Surface Impoundments. This Order includes grease trap waste and automobile and truck wash waste as acceptable waste streams for disposal in the Clay Lined Surface Impoundments.

5. California Environmental Quality Act Compliance

This amendment to Board Order No. 6-95-106 governs the existing Landfill and Unlined Surface Impoundments which are currently operating and is therefore exempt from the provisions of the California Environmental Quality Act Compliance (CEQA) (Public Resources Code, Section 2100 et seq.) in accordance with Section 15301, Chapter 3, Title 14, California Code of Regulations (Title 14). The construction and operation of the Clay Lined Surface Impoundments involves only the replacement and reconstruction of an existing facility at the same site and is therefore exempt from the provisions of the CEQA in accordance with Section 15302 of Title 14.

6. Public Notification

The Regional Board has notified the Dischargers and interested agencies and persons of its intent to amend WDRs for the Landfill, Unlined Surface Impoundments, and Clay Lined Surface Impoundments. The Regional Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that the following Findings, Discharge Specifications, and Time Schedule shall be amended and/or incorporated into Board Order No. 6-95-106:

FINDINGS

7a. Description of Existing Unlined Surface Impoundments

The Unlined Surface Impoundments consist of four Unlined ponds which receive septage and chemical toilet wastes. Approximately 5.8 million gallons of septage and chemical toilet waste are discharged each year. The Unlined Surface Impoundments are not constructed in accordance with the requirements of Chapter 15, and thus this Order includes a time schedule for the Dischargers to cease discharge to and close the Unlined Surface Impoundments.

7b. Description of New Clay Lined Impoundments

In accordance with the requirements of Chapter 15, the County of San Bernardino has proposed the construction of two clay lined surface impoundments (Clay Lined Surface Impoundments) to replace the existing Unlined Surface Impoundments. The clay liner system has been designed to prevent the migration of liquids into the lower one foot of the liner during the estimated two year life of the Clay Lined Surface Impoundments. The design from bottom to top is 12 inches of recompacted subgrade, three feet of clay material compacted to a permeability not greater than $1 \cdot 10^{-7}$ cm/s, and one foot protective layer compacted to an approximate permeability of $1 \cdot 10^{-5}$ cm/s. This Order requires the Discharger to construct the Clay Lined Surface Impoundments in accordance with the Final Design Report dated July 1996. The report includes the construction design and the Construction Quality Assurance/Quality Control Plan.

7c. Description of Waste Stream

Septage and chemical toilet waste are currently discharged to the Unlined Surface Impoundments. The County of San Bernardino has submitted information to support the appropriate nature of the discharge of grease trap waste and automobile and truck wash waste to the Clay Lined Surface Impoundments. This Order authorizes the discharge of septage waste, chemical toilet waste, grease trap waste, and automobile and truck wash waste to the Clay Lined Surface Impoundments. The County of San Bernardino has developed and is required in this Order to implement a Sampling and Analysis Plan to assure that these waste streams are not hazardous as defined in Title 22, California Code of Regulations.

8. Authorized Disposal Sites

The footprint of waste shown in Attachment "B" is the only authorized Landfill disposal site. A revised Report of Waste Discharge is required if the Dischargers propose to discharge waste outside the Landfill footprint area. The Unlined Surface Impoundments shown in Attachment "B" are authorized to receive septage and chemical toilet waste only until the compliance date specificized in the Time Schedule section of this Order. The Clay Lined Surface Impoundments shown in Attachment "B", once constructed, are authorized to received septage, chemical toilet waste, grease trap waste, and automobile and truck wash waste.

12. Surface Impoundment Closure

The revised Chapter 15 regulations require that all Class II WMUs include a liner system. This Order documents the time schedule for the Dischargers to cease discharge to and close the Unlined Surface Impoundments, and prohibits the discharge of waste to the Unlined Surface Impoundments after September 1996.

DISCHARGE SPECIFICATIONS

C. Unlined Surface Impoundments

4. If the Unlined Surface Impoundments are to be operated after September 1996, they shall be operated in compliance with the siting and construction criteria of Sections 2530 and 2532 of Chapter 15.

PROVISIONS

G. Construction of Clay Lined Surface Impoundments

The Clay Lined Surface Impoundments shall be constructed in accordance with the Final Design Report submitted by the County of San Bernardino and dated July 1996.

TIME SCHEDULE

A. Surface Impoundment Closure

3. By **September 30, 1996** the Dischargers shall cease discharge to the Unlined Surface Impoundments at the Facility.
4. By **December 30, 1996** the Dischargers shall complete clean closure of the Unlined Surface Impoundments in accordance with an approved work plan.
5. By **September 30, 1998** the Dischargers shall cease discharge to the Clay Lined Surface Impoundments and submit a closure plan for the Clay Lined Surface Impoundments.

I, Harold J. Singer, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Lahontan Region, on September 5, 1996.



HAROLD J. SINGER
EXECUTIVE OFFICER